

[Go to Product page](#)

Datasheet for ABIN1474913

**STXBP1 Protein (AA 1-594) (His tag)**

## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 1 mg  |
| Target:                       | STXBP1  |
| Protein Characteristics:      | AA 1-594                                      |
| Origin:                       | Rat   |
| Source:                       | Yeast   |
| Protein Type:                 | Recombinant                                   |
| Purification tag / Conjugate: | This STXBP1 protein is labelled with His tag. |
| Application:                  | ELISA   |

## Product Details

|                  |  |
|------------------|--|
| Sequence:        | MAPIGLKAVV GEKIMHDKV KVKKKGEWKV LVVDQLSMRM LSSCCKMTDI MTEGITIVED<br>INKRREPLPS LEAVYLITPS EKSVHSLISD FKDPPTAKYR AAHVFFTDSC PDALFNELVK<br>SRAAKVIKTL TEINIAFLPY ESQVYSLDSA DSFQSFYSPH KAQMKNPILE RLAEQIATLC<br>ATLKEYPAVR YRGEYKDNL LAQLIQDKLD AYKADDPTMG EGPDKARSQL LILDRGFDPS<br>SPVLHELTFQ AMSYDLLPIE NDVYKYETSG IGEARVKEVL LDEDDDLWIA LRHKHIAEVS<br>QEVTRSLKDF SSSKRMNTGE KTTMRDLSQM LKKMPQYQKE LSKYSTHLHL AEDCMKHYQG<br>TVDKLCRVEQ DLAMGTDAEG EKIKDPMRAI VPILLDANVS TYDKIRIILL YIFLKNIGTE<br>ENLNKLIQHA QIPPEDSEII TNMAHLGVPI VTDSTLRRRS KPERKERISE QTYQLSRWTP<br>IIKDIMEDI EDKLDTKHYP YISTRSSASF STTAVSARYG HWHKNKAPGE YRSGPRLIIF<br>ILGGVSLNEM RCAYEVTQAN GKWEVLIGST HILTPQKLLD TLKKNKTDE EISS |
| Specificity:     | Rattus norvegicus (Rat)  |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien   |

## Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: STXBP1

Alternative Name: Syntaxin-binding protein 1 (Stxbp1) ([STXBP1 Products](#))

Background: Recommended name: Syntaxin-binding protein 1.  
Alternative name(s): N-Sec1 Protein unc-18 homolog 1.  
Short name= Unc18-1 Protein unc-18 homolog A.  
Short name= Unc-18A p67 rbSec1

UniProt: [P61765](#)

Pathways: [Synaptic Vesicle Exocytosis](#), [Dicarboxylic Acid Transport](#)

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

Handling

---

|                  |  |
|------------------|--|
|                  | one week   |
| Storage:         | -20 °C   |
| Storage Comment: | Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C. |